

09-07-1993 12:52PM

CENED-CD-EA(NBRD)

P.02

P.2

PHONE No. : 9916148

JUN 09 1993 2:33PM F02



55938 (7.1)
CITY OF NEW BEDFORD

MASSACHUSETTS

FIRE DEPARTMENT

888 PLEASANT STREET
02740

TELEPHONE
(508)991-0100

HENRY A. OPENSHAW

CHIEF OF DEPARTMENT

June 3, 1993

Mr. David Hasay
Superintendent of Water

Dear David:

I respectfully request that the water main that runs in an easterly direction on Sawyer Street from Belleville Avenue to its terminus be cleaned and cement-lined.

This is to increase the flow at the P.C.B. burning site at the foot of Sawyer Street.

Respectfully submitted,

Henry A. Openshaw
Henry A. Openshaw
Chief of Department

HAO/jj

	1451	TEST "2"
STATIC	90	91
RESIDUAL	46	47
PITOT	10	10
BUTT	2 1/2"	2 1/2"
G.P.M	530	530
TIME	9:45	10:00

TEST "1" $Q_R = Q_F \times \frac{H_R^{0.54}}{H_F^{0.54}}$

$$Q_R = 530 \text{ GPM} \times \frac{70^{0.54}}{46^{0.54}}$$

$$Q_R = 530 \text{ GPM} \times \frac{9.92}{2.91}$$

$$Q_R = 665 \text{ GPM}$$

TEST "2"

$$Q_R = Q_F \times \frac{H_R^{0.54}}{H_F^{0.54}}$$

$$Q_R = 530 \text{ GPM} \times \frac{70^{0.54}}{47^{0.54}}$$

$$Q_R = 530 \text{ GPM} \times \frac{9.92}{800}$$

$$Q_R = 657 \text{ GPM}$$